



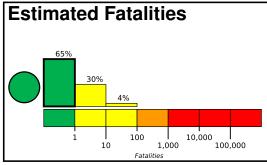


PAGER Version 6

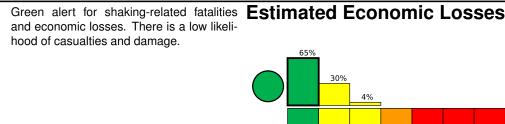
Created: 3 weeks, 6 days after earthquake

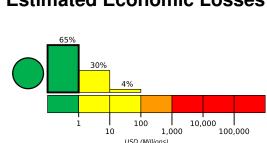
M 5.4, Izu Islands, Japan region

Origin Time: 2023-10-05 02:06:32 UTC (Thu 11:06:32 local) Location: 29.8971° N 139.9800° E Depth: 10.0 km



and economic losses. There is a low likelihood of casualties and damage.





Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

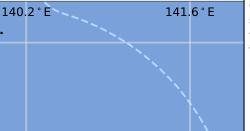
^{*}Estimated exposure only includes population within the map area.

Population Exposure

30.2 ° N

29.1°N

138.9°E



5000

10000

population per 1 sq. km from Landscan **Structures**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1990-09-23	397	6.5	V(16k)	_

Selected City Exposure

from GeoNames.org

100

MMI City Population

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

https://earthquake.usgs.gov/earthquakes/eventpage/us6000lcz2#pager

Event ID: us6000lcz2